

## Technical Data Sheet

### Denso Hi-Tack Tape

Description:	A specially formulated, high tack, cold applied petrolatum tape for high-performance corrosion protection of above ground pipe work, fittings and structural steelwork where only limited surface preparation is possible and long-term performance is necessary.
Composition:	Non-woven synthetic fabric carrier fully impregnated and coated with neutral petrolatum-based compounds, inert siliceous fillers, adhesion promoted butyl rubber-based resins and dissolved in solvent based vehicles.
Characteristics:	<ul style="list-style-type: none"><li>• stable in composition and plasticity over a wide temperature range</li><li>• accommodates vibration and movement of substrate</li><li>• highly resistant to mineral acids, alkalis and salts</li><li>• will adhere to structural steelwork, pipes and fittings</li></ul>
Uses:	<p>It is a component of the Denso Steelcoat 100 System.</p> <p>Protection of flat steel or on flat areas where tapes need to be applied in a longitudinal fashion.</p> <p>Corrosion protection of structural steel, pipes, welded joints, bends and fittings above or below ground.</p> <p>To protect steel from corrosion the system completely encases and segregates its surface from the surrounding environment by making intimate contact with the entire exposed substrate.</p>
Surface Preparation & Application:	<p>Mechanically clean steel to St2 (power brushed) / AS1627 P.2 (minimum).</p> <p>Surfaces must be free from loose rust, scale and flaking coatings. Firmly adherent rust and scale need not be removed.</p> <p>Surfaces may be damp but any droplets or films of water must be dried off.</p> <p>Apply a thin coating of Denso Hi Tack Primer, 5 m1/ litre, to the prepared substrate. Allow primer to reach a sticky tack dry state before proceeding.</p> <p>Wet film thickness: 200 µm, Dry Film Thickness: 140 µm Wrap tape without overstretching. Apply heavily coated side of the tape to the metal surface.</p> <p>Smooth down and mould by hand especially all overlapped edges.</p> <p>A 55 % overlap of tape should be applied to provide a double layer of tape.</p>
Recommended Temperatures:	<p>Application: - 5 to + 45 °C</p> <p>Service: - 25 to + 65 °C</p> <p>Peak: + 65 °C</p>

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**Storage:** In cool, dry, ambient conditions, in original cartons away from heat and direct sunlight.

**Dimensions:**

DENSOHTROLL50	50mm x 10m Roll (24/Carton)
DENSOHTROLL75	75mm x 10m Roll (16/Carton)
DENSOHTROLL100	100mm x 10m Roll (12/Carton)
DENSOHTROLL150	150mm x 10m Roll (8/Carton)
DENSOHTROLL200	200mm x 10m Roll (8/Carton)
DENSOHTROLL300	300mm x 10m Roll (4/Carton)

**Physical Properties:**

Test	Test Methods	Units	Value
Thickness	ASTM D751	mm	1.70 ± 0.20
Weight	ASTM D751	kg/m <sup>2</sup>	1.57 ± 0.18
Density	ASTM D1475	kg/L	0.92
Breaking Strength	ASTM D1000	N/mm	6.0 ± 1.0
Elongation at Break	ASTM D1000	%	15 ± 4
Breakdown Voltage - double layer	ASTM D149	kV	≥ 16